

CLAIMS

What is claimed is:

1. A nanoemulsion with a mean particle diameter of 20 to 250 nm comprising:
- 5 (a) 5 to 50% by weight of at least one alkyl and/or alkenyl oligoglycoside carboxylic acid salt corresponding to formula (I):
- $$\text{R}^1\text{O}[\text{G}]_p\text{O}[(\text{CH}_2)_m\text{COO}^-\text{X}^+]_n \quad (\text{I})$$
- 10 wherein R¹ is an alkyl and/or alkenyl group containing 4 to 22 carbon atoms, G is a sugar unit containing 5 or 6 carbon atoms, p is a number of 1 to 10, m is a number of 1 to 5, n is a number of 1 to 5 and X represents alkali metal, alkaline earth metal, ammonium, alkanolammonium, alkyl ammonium or glucammonium;
- 15 (b) 10 to 50% by weight of an oil component; and,
- (c) 0 to 15% by weight of mono- and/or polyhydric alcohols containing 1 to 4 carbon atoms,
- wherein the sum of components (a) + (b) makes up 10 to 55% by weight of the composition as a whole.
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2. The nanoemulsion according to Claim 1, wherein the emulsion additionally contains a surfactant selected from the group consisting of anionic, cationic, nonionic, amphoteric and zwitterionic surfactants and mixtures thereof.
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3. The nanoemulsion according to Claim 1, wherein component (c) is selected from the group consisting of ethanol, glycerol, ethylene glycol, propylene glycol, and mixtures thereof.
- 30 4. An article impregnated with the nanoemulsion of Claim 1.

5. The article according to Claim 4, wherein the article is a wet wipe.
6. A cosmetic formulation incorporating the nanoemulsion according to
- 5 Claim 1.